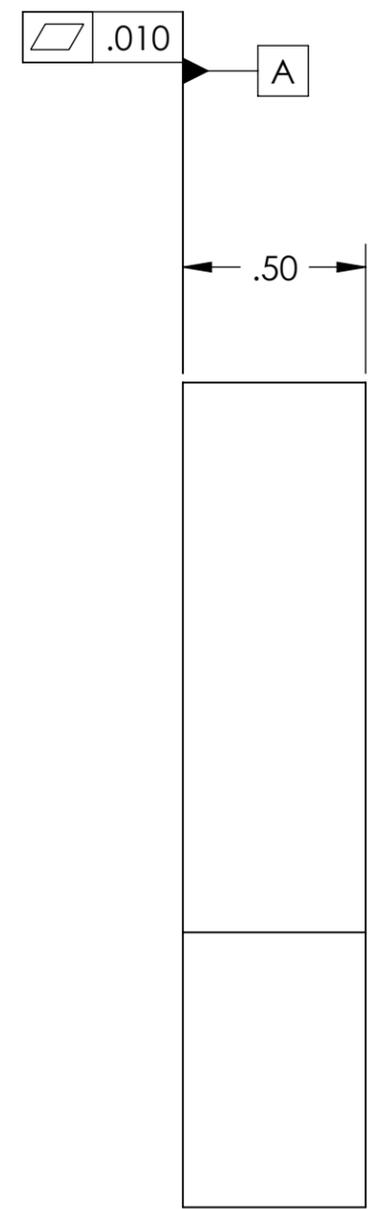
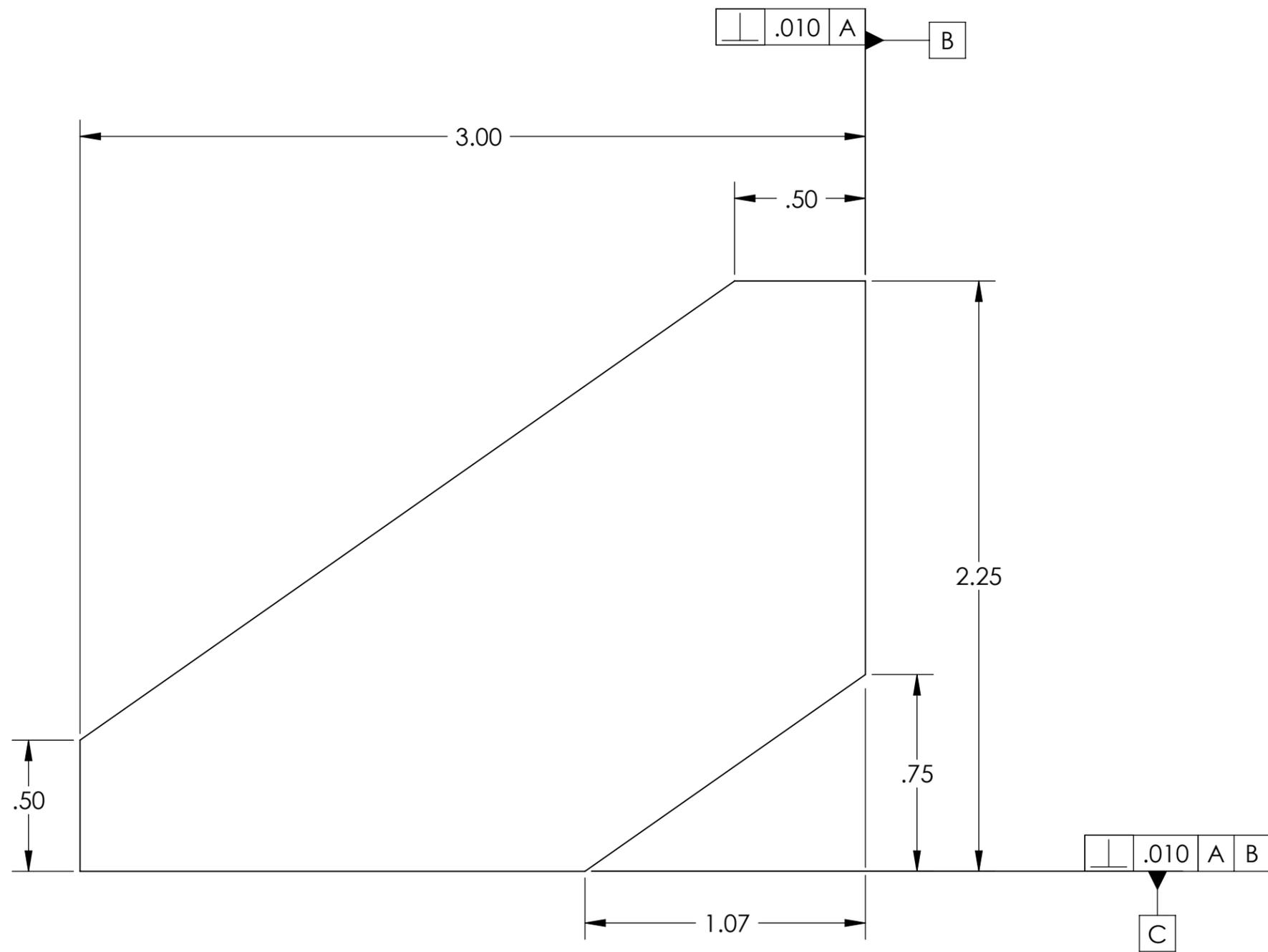


REV	DATE	APPROVAL	DESCRIPTION
00	06/18/2008	A. STEIN	PRE-RELEASE, FOR RFQ.
01	08/05/2008	A. STEIN	PROTOTYPE RELEASE.



**NOTES:**

1) REFER TO DWG. # D080462 FOR TOLERANCES FOR WELDED STRUCTURE. WHERE REASONABLE, PIECE PART TOLERANCES MAY BE LOOSENED, PROVIDED FINAL WELDMENT CONFORMS TO D080462.

**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES. LEAVE .005 X 45° MIN CHAMFER, OR .005 MIN RADIUS.
- ALL MACHINING FLUIDS MUST BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. E.G., MILACRON CIMTECH 410.
- CLEAN THOROUGHLY TO REMOVE ALL OIL, DIRT, AND CHIPS.

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± 0.015  
 .XXX ± 0.005

SURFACE ROUGHNESS:  
 63

ANGULAR ± 0.5°

**MATERIAL**  
 LOW CARBON STEEL

**FINISH**  
 NONE

THIS PRINT & THE EMBEDDED CAD MODEL ARE THE DOCUMENTATION OF RECORD. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN THE MODEL ARE BASIC, WITH TOLERANCES GIVEN BY:

	NAME	DATE
DRAWN	A. STEIN	06/18/2008
CHECKED	-	-
APPROVED	-	-

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 IGR, GLASGOW UNIVERSITY GEO 600 GROUP

**SYSTEM**  
 ADVANCED LIGO

**SUB-SYSTEM**  
 SEI

**NEXT ASSY**  
 D080462

**PART NAME**  
 HAM CROSSBEAM CONNECTOR GUSSET

SIZE	DWG. NO.	REV
B	D080461	01

SCALE: 2:1 PROJECTION: SHEET 1 OF 1

